



**US Army Corps
of Engineers®**
New York District

New York Harbor Anchorages, New York & New Jersey

Navigation Study

FACT SHEET

DESCRIPTION: Red Hook Flats anchorage area is located west of Red Hook and Bay Ridge, Brooklyn, and is approximately 3.6 miles long. It comprises part of the Port of New York and New Jersey anchorage area system, which also includes the Gravesend, Liberty Island and Stapleton anchorage areas. The Red Hook Flats consists of three anchorage areas: 21A with a current depth of 10 to 14 feet below mean low water, 21B at a depth 35 feet below mean low water and 21C currently at 40 to 45 feet below mean low water. The reconnaissance report, completed in December 1993, identified a favorable improvement alternative for the Red Hook Flats consisting of deepening anchorage area 21C and a portion of anchorage area 21B, south of anchorage area 21A, to a depth of -45 feet Mean Low Water. The estimated cost for this plan is \$56,586,000, with an annualized cost of \$4,753,000, at a September 1993 price level based on a 50-year project life and 8.25% interest rate. The annual benefits were estimated to be \$10,339,000 with net benefits of \$5,587,000. This results in a benefit-to-cost ratio of 2.2-to-1. The feasibility study has been started, and will examine this and other alternatives and recommend one that is technically feasible, economically justified and environmentally sound.

AUTHORIZATION: US Senate Committee on Environment and Public Works Resolution dated 5 December 1980.

STATUS: The District completed the reconnaissance report in December 1993, which was certified to be in accordance with current Administration policy in April 1995. Lack of project support from the non-federal sponsor, Port Authority of New York and New Jersey (PA), delayed the start of feasibility study. In November 1999, the PA Board of Directors approved the expenditure of funds to cost share the feasibility study. The FCSA was executed in July 2001. The District is currently examining non-structural solutions and has been requested to examine changes in the anchorage usage due to heightened security concerns.

STUDY COST:

Estimated Federal Cost	\$ 800,000
Estimated Non-Federal Cost	<u>\$ 800,000</u>
Total	\$1,600,000

CONTACT: Mr. Thomas Shea, III, Project Manager, mailto: Thomas.shea@usace.army.mil, (212) 264-5570

U.S. Army Corps of Engineers, New York District

26 Federal Plaza, New York, NY 10278

<http://www.nan.usace.army.mil>

District Area: NY #8, Congressional Member: Jerrold Nadler

District Area: NY #13, Congressional Member: Vito Fossella